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L3 ANSWER 24 OF 28 CA COPYRIGHT 2005 ACS on STN
 AN 69:79936 CA
 ED Entered STN: 12 May 1984
 TI White portland cement
 IN Heilmann, Thorbjorn
 PA F. L. Smidth og Co. A/S
 SO Brit., 4 pp.
 CODEN: BRXXAA
 DT Patent
 LA English
 IC C04B
 CC 58 (Cement and Concrete Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1122210		19680731	GB	19660819

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
GB 1122210	IC	C04B

AB A gray or brown coloration of ingredient impurities is masked by adding an effective quantity for the desired color (such as 20-100 ppm. as Cr₂O₃) of a Cr compound to the cement ingredients before or during their residence in the kiln, treating the **clinker** with the Cr compound under reducing conditions directly after or during firing, and then cooling the **clinker** under nonoxidizing conditions. A substantial portion of the Cr present should be present in the reduced product as Cr₂O₃.

ST chromium compds portland cements; portland cements Cr compds; white portland cements

IT **Cement**
 (coloring of, chromium oxide (Cr₂O₃) in blue-green)

IT **Pigments**
 (in coloring of **cement** to blue-green)

IT **Coloring**
 (of **cement** (blue-green) by chromium oxide (Cr₂O₃))